



Determine which property of multiplication is shown (Associative, Identity, Distributive or Commutative).

Answers

- |   |           |
|---|-----------|
| 1) $(0 \times 7) \times 4 = 0 \times (7 \times 4)$    | 1. _____  |
| 2) $(1 \times 0) \times 9 = 1 \times (0 \times 9)$    | 2. _____  |
| 3) $(4 \times 5) + (4 \times 1) = 4 \times (5 + 1)$   | 3. _____  |
| 4) $1 \times 1 = 1$                                   | 4. _____  |
| 5) $6 \times (10 + 7) = (6 \times 10) + (6 \times 7)$ | 5. _____  |
| 6) $2 \times 9 = 9 \times 2$                          | 6. _____  |
| 7) $(6 \times 2) \times 5 = 6 \times (2 \times 5)$    | 7. _____  |
| 8) $5 \times 10 = 10 \times 5$                        | 8. _____  |
| 9) $3 \times 1 = 1 \times 3$                          | 9. _____  |
| 10) $1 \times 4 = 4$                                  | 10. _____ |
| 11) $4 \times 7 = 7 \times 4$                         | 11. _____ |
| 12) $6 \times 1 = 6$                                  | 12. _____ |
| 13) $0 \times (3 \times 2) = (0 \times 3) \times 2$   | 13. _____ |
| 14) $3 \times (2 + 7) = (3 \times 2) + (3 \times 7)$  | 14. _____ |
| 15) $9 \times 1 = 9$                                  | 15. _____ |
| 16) $2 \times 1 = 2$                                  | 16. _____ |
| 17) $5 \times (1 \times 2) = (5 \times 1) \times 2$   | 17. _____ |
| 18) $4 \times (7 + 1) = (4 \times 7) + (4 \times 1)$  | 18. _____ |
| 19) $5 \times 6 = 6 \times 5$                         | 19. _____ |
| 20) $(3 \times 7) + (3 \times 9) = 3 \times (7 + 9)$  | 20. _____ |



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- 1)  $(0 \times 7) \times 4 = 0 \times (7 \times 4)$
- 2)  $(1 \times 0) \times 9 = 1 \times (0 \times 9)$
- 3)  $(4 \times 5) + (4 \times 1) = 4 \times (5 + 1)$
- 4)  $1 \times 1 = 1$
- 5)  $6 \times (10 + 7) = (6 \times 10) + (6 \times 7)$
- 6)  $2 \times 9 = 9 \times 2$
- 7)  $(6 \times 2) \times 5 = 6 \times (2 \times 5)$
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- 9)  $3 \times 1 = 1 \times 3$
- 10)  $1 \times 4 = 4$
- 11)  $4 \times 7 = 7 \times 4$
- 12)  $6 \times 1 = 6$
- 13)  $0 \times (3 \times 2) = (0 \times 3) \times 2$
- 14)  $3 \times (2 + 7) = (3 \times 2) + (3 \times 7)$
- 15)  $9 \times 1 = 9$
- 16)  $2 \times 1 = 2$
- 17)  $5 \times (1 \times 2) = (5 \times 1) \times 2$
- 18)  $4 \times (7 + 1) = (4 \times 7) + (4 \times 1)$
- 19)  $5 \times 6 = 6 \times 5$
- 20)  $(3 \times 7) + (3 \times 9) = 3 \times (7 + 9)$

Answers

1. associative
2. associative
3. distributive
4. identity
5. distributive
6. commutative
7. associative
8. commutative
9. commutative
10. identity
11. commutative
12. identity
13. associative
14. distributive
15. identity
16. identity
17. associative
18. distributive
19. commutative
20. distributive